

CLAIMS

I claim:

1. A multi-purpose speed square comprising:

an elongate blade having a T-shaped slot therethrough, said handle T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot;

a handle having two opposite ends, a bottom end and a top end; said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move; and

a handle support pin detachably connectable to said handle, said handle support pin disposable within said handle support pin bore.

2. The multi-purpose speed square of claim 1 further comprising:

a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot.

3. The multi-purpose speed square of claim 1 further comprising:

a blade thumbscrew clamp detachably connectable to said blade, said blade thumbscrew clamp disposed within said blade T-shaped slot.

4. The multi-purpose speed square of claim 1 further comprising:

wherein said handle top end having a handle lock pin hole therethrough;

wherein said blade having a blade angular lock pin hole therethrough; and

5 a lock pin detachably disposed within said handle lock pin hole, said lock
pin detachably disposed within said blade angular lock pin hole.

5. The multi-purpose speed square of claim 1 wherein:

said handle having four finger grip recesses therein.

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6. The multi-purpose speed square of claim 1 further comprising:

a horizontal bubble level connected to said handle.

7. The multi-purpose speed square of claim 1 further comprising:

15 a vertical bubble level connected to said handle.

8. The multi-purpose speed square of claim 1 wherein:

said blade having dimension indicia thereupon.

20 9. The multi-purpose speed square of claim 1 wherein:

said blade having angular indicia thereupon.

10. The multi-purpose speed square of claim 1 wherein:

said blade is beveled adjacent to said blade T-shaped slot.

11. The multi-purpose speed square of claim 1 further comprising:

an angle plate disposed between said handle and said blade, said angle plate having an angle plate tang which is slidably disposed within said blade T-shaped slot.

12. A multi-purpose speed square comprising:

an elongate blade having a T-shaped slot therethrough, said handle T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot;

a handle having two opposite ends, a bottom end and a top end, said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move;

a handle support pin detachably connectable to said handle, said handle support pin disposable within said handle support pin bore;

a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot; and

a blade thumbscrew clamp detachably connectable to said blade, said blade thumbscrew clamp disposed within said blade T-shaped slot.

13. The multi-purpose speed square of claim 12 further comprising:

wherein said handle top end having a handle lock pin hole therethrough;

wherein said blade having a blade angular lock pin hole therethrough; and

a lock pin detachably disposed within said handle lock pin hole, said lock
pin detachably disposed within said blade angular lock pin hole.

14. The multi-purpose speed square of claim 13 wherein:

said handle having four finger grip recesses therein.

15. The multi-purpose speed square of claim 14 further comprising:

a horizontal bubble level connected to said handle; and

a vertical bubble level connected to said handle.

16. The multi-purpose speed square of claim 15 wherein:

said blade having dimension indicia thereupon.

17. The multi-purpose speed square of claim 16 wherein:

said blade having angular indicia thereupon.

18. The multi-purpose speed square of claim 17 wherein:

said blade is beveled adjacent to said blade T-shaped slot.

19. The multi-purpose speed square of claim 18 further comprising:

an angle plate disposed between said handle and said blade, said angle
plate having an angle plate tang which is slidably disposed within said blade T-
shaped slot.

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20. A multi-purpose speed square comprising:

an elongate blade having a T-shaped slot therethrough, said handle T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot, said blade having a blade angular lock pin hole therethrough, said blade having dimension indicia thereupon, said blade having angular indicia thereupon, said blade is beveled adjacent to said blade T-shaped slot;

a handle having two opposite ends, a bottom end and a top end, said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move, said handle top end having a handle lock pin hole therethrough, said handle having four finger grip recesses therein;

a handle support pin detachably connectable to said handle, said handle support pin disposable within said handle support pin bore;

a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot;

a blade thumbscrew clamp detachably connectable to said blade, said blade thumbscrew clamp disposed within said blade T-shaped slot;

a lock pin detachably disposed within said handle lock pin hole, said lock pin detachably disposed within said blade angular lock pin hole;

a horizontal bubble level connected to said handle; and
a vertical bubble level connected to said handle.